

amafilter®

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# PRESSURE LEAF FILTERS

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Making the world safer, healthier  
and more productive.



**amafilter**<sup>®</sup>  
Filtration Group<sup>®</sup>

# Amafilter®

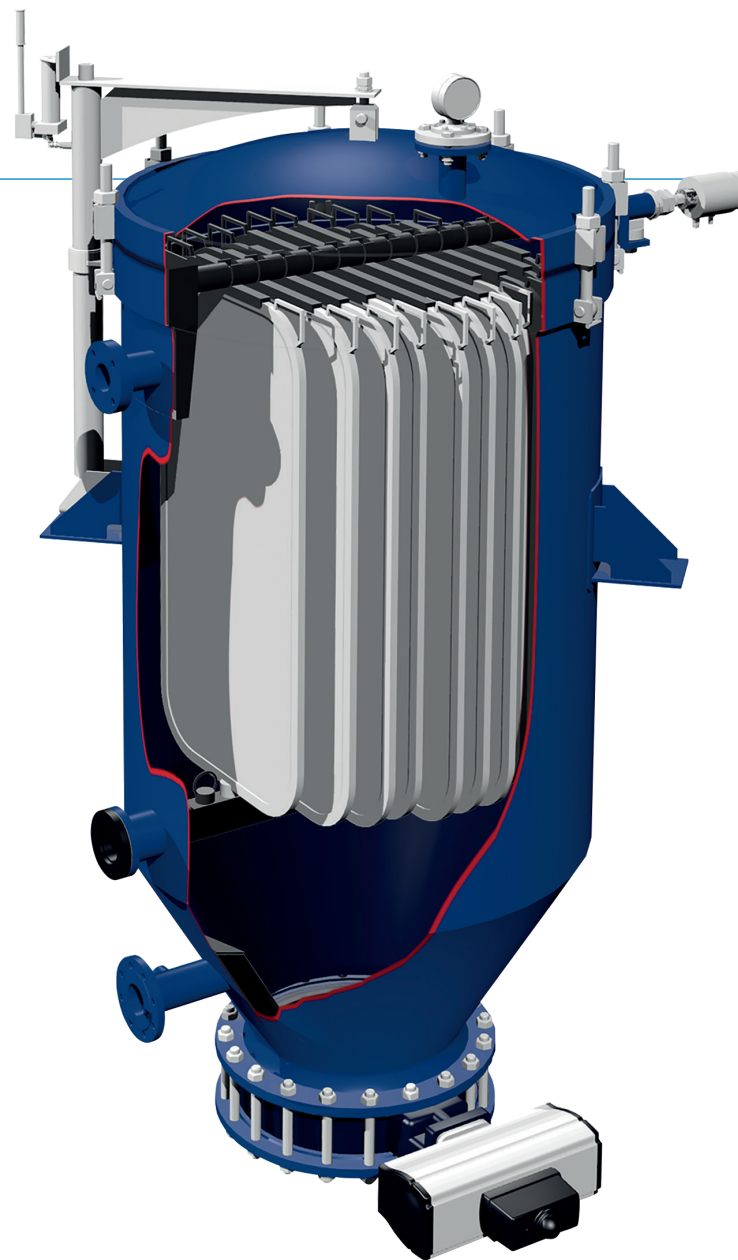
## FILTRATION GROUP

Making the world safer, healthier  
and more productive.

Amafilter® is a part of Filtration Group, the fastest growing filtration organization in the world.

At Filtration Group, we design, engineer, manufacture and deliver systems that not only offer outstanding customer value, but also maximize the efficiency of the plant filtration process. We are specialists in providing applications in multiple markets, including food & beverages, water, chemicals, mining & minerals and power generation.

Delivering and enhancing the performance of our customers' filtration processes is at the core of what we do, which is why we work closely with them to ensure their systems and businesses are safer, healthier and more productive.



# Pressure Leaf Filters

Our product range of Versis® vertical pressure leaf and horizontal pressure leaf filters include an extensive range of filter leaves designs suited for various market sectors, including food and beverages, chemical and sulphur.

The quality and condition of filter leaves can have a significant impact, not only on the productivity of the filtration system but also on its ability to achieve a high performance standard.

## Performance

Filter leaves are the most important component of every pressure leaf filter and replacing old or damaged leaves with new or rescreened filter leaves will result in an immediate improvement of the overall performance of the filter system.

Filtration Group filter leaves consist of five layers (ply) of stainless steel wire mesh and are measured to a high degree of accuracy, which increases system productivity and filtration efficiency.

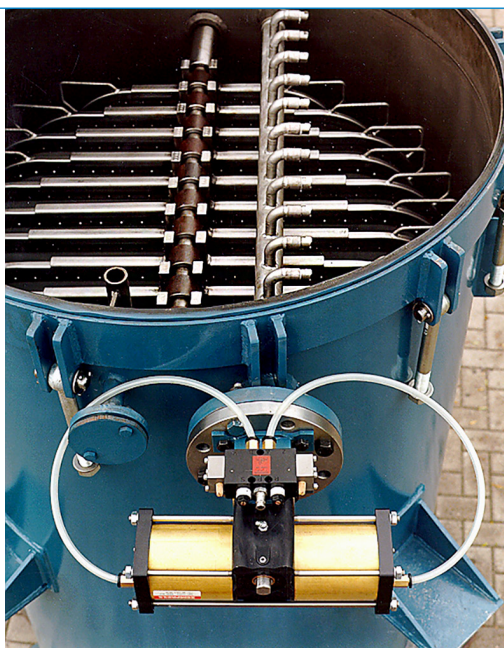
## Reliability

Filtration Group filter leaves are manufactured, as a standard, from stainless steel 316L due to its mechanical properties, making them highly resistant to stress corrosion, variances in temperature and extreme pressure changes.

Other alloy materials are available for particularly challenging applications. The design, technology and high craftsmanship involved in the production of our filter leaves results in less downtime for maintenance, increased productivity and extension of the filter leaves life span.

## Filter Leaves Product Features:

- Suitable for use with vertical pressure leaf filters (such as the Versis™) and horizontal pressure leaf filters
- Stainless steel 304(L), 316(L), 904L or super duplex. Other alloy materials on request.
- Available in different mesh types and layer combinations
- Extensive range of reinforced frame types with riveted, welded or bolted box profiles suited to the application
- Excellent pre-coating properties
- High filtration efficiency, filtrate quality and flux rates
- Double-sided, stainless steel rigid filter leaves
- Each filter leave consists of five layers (ply) of stainless steel wire mesh
- Low pressure-drop
- Suitable for wet (with filter cloth) and dry cake discharge
- The top layer of the screen can be customized to the application
- Re-screening or replacement of filter leaves



## Rescreening

Our extensive experience in filtration and separation enables us to rebuild and rescreen old and/or damaged filter leaves for almost any make of filter and return them to their original working order.

- Inspected prior to reassembly
- Function as new
- Filter leaves can be rescreened twice
- Extend the life span of the filter leaves by up to 40%
- Other make filter leaves can be rescreened
- Choice of designs and materials are available





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Scan QR Code to find our locations



+31 573 297 777

[info.fgnl@filtrationgroup.com](mailto:info.fgnl@filtrationgroup.com)

[www.processsystems.filtrationgroup.com](http://www.processsystems.filtrationgroup.com)

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